Index of Claims

Rejected

Allowed

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/787,075              | FRIESEN ET AL.                          |
| Examiner                | Art Unit                                |

2811

|   | (Through numeral)<br>Cancelled | N | Non-Elected  | A | Appeal   |
|---|--------------------------------|---|--------------|---|----------|
| Ļ | Restricted                     |   | Interference | 0 | Objected |

Sara W. Crane

| Cla      | im             |               |           |   |           | C      | Date   | е        |                         |   |   |          |   | Cla   | im       |        |              |          | E        | ate      | ,        |   |          |  | 1 | Cl    | aim      |          |          |          |          | ate      | ,        |          |           |           |
|----------|----------------|---------------|-----------|---|-----------|--------|--------|----------|-------------------------|---|---|----------|---|-------|----------|--------|--------------|----------|----------|----------|----------|---|----------|--|---|-------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|
|          | Ŧ              | 1             | 3         | 1 |           |        |        |          | Τ                       |   |   |          |   |       | le       |        |              |          |          |          |          |   |          |  |   |       | -m       |          |          |          |          |          |          |          |           |           |
| Final    | Original       |               | ı         |   | - 1       | ı      |        | l        | ŀ                       |   | ı   | -        | ' | Final | Original |        |              |          |          |          |          |   |          |  |   | Final | Original |          |          |          | l        |          |          |          |           |           |
| i.       | ij             | (}            | 101       | 1 | U         | - 1    |        | l        |                         |   |   | -        |   | ίĒ    | , ji     |        |              | - 1      |          |          |          |   |          |  | l | iĒ    | ij       |          |          |          |          |          |          |          |           |           |
|          | )              |               |           |   |           |        |        |          |                         |   |   | ╛        | L |       |          |        |              |          |          |          |          |   |          |  | ĺ |       |          |          |          |          |          |          |          |          |           |           |
|          | 1              | 1/,           | 7         |   | ì         |        |        | Ĺ        | L                       |   |   | ]        |   |       | 51       |        |              |          |          |          |          |   |          |  |   |       | 101      |          |          |          |          |          |          |          |           |           |
|          | 2              | П             |           |   | $\prod$   |        |        |          |                         |   |   |          |   |       | 52       |        |              |          |          |          |          |   |          |  |   |       | 102      |          |          |          |          |          |          |          |           |           |
|          | 3              |               | Ш         |   | $\prod$   |        |        |          |                         |   |   |          |   |       | 53       |        |              |          |          |          |          |   |          |  |   | L     | 103      |          |          |          |          |          |          |          |           |           |
|          | 4              | $\prod$       |           |   | П         |        |        |          | L                       |   |   |          | L |       | 54       |        |              |          |          |          |          |   |          |  | l |       | 104      |          |          |          |          |          |          |          |           |           |
|          | 5              |               |           |   | П         |        |        | L        |                         | $\perp$   |   | ╛        | L |       | 55       |        |              |          |          |          |          |   |          |  |   |       | 105      |          |          |          |          |          |          |          | $\perp$   | ╝         |
|          | ω              |               | Ш         |   | Ш         |        |        |          |                         |   |   |          |   |       | 56       |        |              |          |          |          |          |   |          |  |   |       | 106      |          |          |          |          |          |          |          | $\perp$   | ╝         |
|          | 7              | Ш             | Ш         |   | Ш         |        |        | 乚        | ┸                       |   | $\perp$   |          | L |       | 57       | Ш      |              |          |          |          |          |   |          |  |   |       | 107      |          |          |          |          |          |          |          | $\perp$   | _         |
|          | 8              | Ц             | Ш         |   | 1         |        |        |          |                         |   |   |          |   |       | 58       |        |              |          |          |          |          |   |          |  |   |       | 108      |          |          |          |          |          |          | $\perp$  |           | _         |
|          | 9              |               | П         |   |           |        |        |          | 1_                      |   | $\perp$   |          | L |       | 59       |        |              |          |          |          |          |   |          |  |   |       | 109      |          |          |          |          |          |          |          |           |           |
|          | 10             | П             | П         | L |           |        |        |          | L                       |   |   |          | L |       | 60       |        |              |          |          |          |          |   |          |  |   |       | 110      |          |          |          |          |          |          |          |           | $\Box$    |
|          | 11             | $\Box \Gamma$ | $\coprod$ | Ĺ |           |        |        |          | L                       |   |   | _]       |   |       | 61       |        |              |          |          |          |          |   |          |  |   |       | 111      | $\Box$   |          |          |          |          |          |          |           |           |
|          | 12             | $\Box$        | $\prod$   |   | $\prod$   |        |        |          | L                       | ┸   | Ĺ   |          |   |       | 62       |        | $oxed{oxed}$ |          |          |          |          |   |          |  |   |       | 112      |          |          |          |          |          |          |          |           |           |
|          | 13             | П             | ╝         | Γ | $\prod$   |        |        |          |                         | $\perp$   |   |          |   |       | 63       |        |              |          |          |          |          |   |          |  | 1 |       | 113      |          | 匚        |          |          |          |          |          |           | $\Box$    |
|          | 14             | $\Box$        | ╚         | Ĺ | $ lab{I}$ |        |        |          |                         |   |   | _]       |   |       | 64       |        |              |          |          |          |          |   |          |  | ŀ |       | 114      |          |          |          |          |          |          |          | $\Box$    | $\Box$    |
|          | 15             |               |           | Γ | $ lab{I}$ |        |        |          | Γ                       | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $\perp$   | ]        |   |       | 65       |        |              |          |          |          |          |   |          |  | İ |       | 115      |          |          |          |          |          |          |          |           | $\Box$    |
|          | 16             |               | $\Box$    | Γ | $ lab{I}$ |        |        |          | $oldsymbol{\mathbb{L}}$ |   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | ]        |   |       | 66       |        |              |          |          |          |          |   |          |  | l |       | 116      |          | Ĺ        |          |          |          |          |          | $\Box$    |           |
|          | 17             | $\Box$        | $\prod$   | Γ | I         |        |        |          | $\prod$                 |   |   |          |   |       | 67       |        |              |          |          |          |          |   |          |  |   |       | 117      |          |          |          |          |          |          |          | $_{ m I}$ |           |
|          | 18             |               | $\prod$   | Γ | I         |        |        |          | $oldsymbol{\Gamma}$     | $\perp$   |   | ]        |   |       | 68       |        |              |          |          | -        |          |   |          |  |   |       | 118      |          |          |          |          |          |          |          |           |           |
|          | 19             | П             | П         |   | 1         |        |        |          | Τ                       | Т   |   |          |   |       | 69       |        |              |          |          |          |          |   |          |  | ] |       | 119      |          |          |          |          |          |          |          |           |           |
|          | 20             | П             | П         | Г | Ţ         |        |        | Г        | Т                       | Т   |   | 7        | Г |       | 70       | П      |              |          |          |          |          |   |          |  |   |       | 120      |          |          |          |          |          |          |          |           |           |
|          | 21             | П             | П         | Τ | 1         |        |        | Г        | Т                       | Т   |   | ٦        | Г |       | 71       | П      |              |          | П        |          |          |   |          |  |   |       | 121      |          |          |          |          |          |          |          |           |           |
|          | 22             | П             | П         | T | T         |        |        | Г        |                         | Т   |   | 7        | Г |       | 72       |        |              |          |          |          |          |   |          |  | ] |       | 122      |          |          |          |          |          |          |          |           |           |
|          | 23             | П             | П         | Т | T         |        |        | Г        | T                       | Т   | Т   | 7        |   |       | 73       |        |              |          | П        |          |          |   |          |  |   |       | 123      |          |          |          |          |          |          |          | $\Box$    |           |
|          | 24             | П             | 7         | - | 7         |        |        | Π        | Т                       | 7   |   | 7        |   |       | 74       | П      |              |          | П        |          |          |   |          |  |   |       | 124      |          | Π.       |          |          |          |          |          |           |           |
|          | 25<br>26<br>27 | П             | N         |   | $\neg$    |        |        | П        | T                       | 7   |   | 7        | Г |       | 75       | П      |              |          | П        |          |          |   |          |  |   |       | 125      |          |          |          |          |          |          |          | $\Box$    |           |
|          | 26             | П             | Ti        | Т | 7         |        |        | П        | T                       | Т   | T   | ٦        | Г |       | 76       | П      |              |          |          |          |          |   |          |  |   |       | 126      |          |          |          |          |          |          |          |           | $\Box$    |
|          | 27             | П             | П         | T | $\exists$ |        |        | Г        | T                       | $\top$  | T   | ٦        |   |       | 77       | П      |              |          | П        |          |          |   |          |  | 1 |       | 127      |          | Г        |          |          |          |          |          | $\neg$    | $\Box$    |
|          | 28             | T             | П         | T | 7         |        |        | T        | $\top$                  | 丅   |   | ٦        |   |       | 78       | П      |              |          | П        |          |          |   |          |  | 1 |       | 128      | Γ        |          | Π        |          |          |          |          | 丁         | $\neg$    |
|          | 29             | 1             | N         | T |           |        |        |          |                         | 1   |   | 7        |   |       | 79       | П      |              |          | П        |          |          |   |          | Γ  | 1 |       | 129      |          |          |          |          | _        |          |          | П         |           |
|          | 30             | 1             | 1         | T | 7         |        |        |          | $\top$                  | $\top$  | 1   | 7        |   |       | 80       | П      |              |          | П        |          |          |   |          | Π  | 1 |       | 130      |          |          |          |          |          |          |          | T         |           |
|          | 31             |               | Г         | T | 7         |        |        | $\vdash$ | $\top$                  | $\top$  | 1   |          |   |       | 81       | П      |              |          | П        |          |          |   |          |  | ĺ |       | 131      |          |          | ľ        |          |          |          |          | T         | $\exists$ |
|          | 32             | $\vdash$      | Т         | T | 7         |        |        | Г        | 1                       | $\top$  | 1   | 7        |   |       | 82       |        |              |          | П        |          |          |   |          |  | ĺ |       | 132      |          |          | T        |          |          |          |          | $\neg$    | $\neg$    |
|          | 33             |               |           | T | 7         |        |        | T        | $\top$                  | 1   | $\top$  | ٦.       |   |       | 83       | П      |              |          |          |          |          |   |          |  | ĺ |       | 133      |          |          |          |          |          |          |          |           |           |
|          | 34             | 1             | П         | T | ┪         |        | Т      | Τ        | $\top$                  | 1   | 1   | 7        |   |       | 84       | П      |              | П        | П        |          |          |   |          |  | ĺ |       | 134      |          |          | $\Box$   |          |          |          |          | $\dashv$  |           |
|          | 35             |               |           | T | ┪         |        |        | T        | 1                       | 1   | T   | ٦        |   |       | 85       | П      |              |          | П        |          |          |   |          | $\Box$   | 1 |       | 135      |          | · · ·    | Г        |          |          |          |          | $\neg$    | $\neg$    |
|          | 36             |               |           | T | 1         |        |        | Г        | $\top$                  | $\top$  | T   | ٦        |   |       | 86       | П      |              |          | П        |          | П        |   |          | Г  | 1 |       | 136      |          |          | П        | Π        |          |          |          | $\neg$    | $\neg$    |
|          | 37             |               | П         | T | 7         |        |        | Π        | $\top$                  | $\top$  | Τ   | ٦        |   | -     | 87       |        |              |          | П        |          |          |   |          | П  | 1 |       | 137      | Г        |          |          |          |          |          |          | $\neg$    | $\neg$    |
|          | 38             | 1             |           | T | 7         |        | Т      | T        | T                       | $\top$  | $\top$  | 7        |   |       | 88       | $\Box$ |              |          | П        |          |          |   |          |  | 1 |       | 138      | Т        | T        |          | Г        |          |          |          | $\neg$    | $\neg$    |
|          | 39             | П             | Г         | T | 7         | $\neg$ |        | Τ        | Τ                       | $\top$  | $\top$  | 7        |   |       | 89       | П      | Г            |          | П        |          |          |   |          |  | 1 |       | 139      | $\Box$   |          | Γ        |          |          |          |          | $\neg$    | $\neg$    |
|          | 40             |               | Γ         | T | 7         | ٦      |        | Τ        | $\top$                  | 十   | 1   | 7        | T |       | 90       | П      |              |          | П        |          | П        |   |          |  | 1 |       | 140      | Γ        |          | Π        | П        |          | $\Box$   |          | $\neg$    | $\neg$    |
|          | 41             | 1             | Г         | T | $\dashv$  |        |        | Γ        | 1                       | $\top$  | 1   | ٦        |   |       | 91       | П      | <u> </u>     |          |          |          |          |   |          |  | 1 |       | 141      |          |          | Γ        |          |          |          |          | 1         | $\neg$    |
|          | 42             |               | Г         | T | $\dashv$  | _      |        | Τ        | $\top$                  | 7   | 1   | ٦        |   |       | 92       | П      | Г            |          | П        |          | П        |   |          |  | 1 |       | 142      | Γ        | Γ        |          |          |          |          |          | 寸         | $\neg$    |
|          | 43             | $\top$        | 1         | T | 7         | T      | $\Box$ | Γ        | $\top$                  | $\top$  | $\top$  | 7        |   | _     | 93       | П      |              |          | П        |          |          |   |          | П  | 1 |       | 143      | Г        |          |          |          |          |          | $\Box$   | _         | $\neg$    |
|          | 44             | Т             | Г         | Ť | 7         | _      | Т      | Τ        | $\top$                  | 1   | 十   | ٦.       |   |       | 94       | П      |              |          | П        |          |          |   |          | Т  | 1 |       | 144      | Г        |          |          |          |          |          | П        | $\neg$    | $\neg$    |
|          | 45             | ÍΤ            | 1         | t | 7         |        | Т      |          | +                       | 1   | 十   | 7        |   |       | 95       | H      |              |          | $\vdash$ |          | $\Box$   | _ | _        | Т  | 1 |       | 145      | Г        | $\vdash$ | $\vdash$ |          | Г        | Т        | П        | $\neg$    | $\dashv$  |
| <b></b>  | 46             | †             | T         | t | +         |        | _      | ⇈        | T                       | +   | +   | $\dashv$ | 一 |       | 96       | Н      |              | $\vdash$ | Н        | -        | $\vdash$ | _ | $\vdash$ | <del>                                     </del> | 1 |       | 146      | $\vdash$ | _        | $\vdash$ | _        | Ι        | $\vdash$ | $\vdash$ | $\dashv$  | $\dashv$  |
|          | 47             | $\vdash$      | Η         | t | +         |        |        | T        | $\dagger$               | +   | $\top$  | 7        | 卜 |       | 97       | Н      |              |          | М        |          |          |   | $\vdash$ | Т  | ĺ |       | 147      |          | $\vdash$ |          |          | $\vdash$ | П        | Н        | $\dashv$  | $\dashv$  |
| $\vdash$ | 48             | $\vdash$      | 1         | t | +         |        | Н      | t        | $\top$                  | +   | +   | ┪        | H |       | 98       | М      | Т            | _        | П        | $\vdash$ | $\vdash$ |   |          | $\vdash$   | ĺ |       | 148      |          | I        | $\vdash$ |          | $\vdash$ | П        | Н        | $\dashv$  | $\dashv$  |
|          | 49             | Т             | Η         | t | +         |        | H      | T        | 1                       | 十   | $\top$  | 1        | 十 |       | 99       | Н      | $\vdash$     |          | Н        | ┢        |          | П |          | Ι  | ĺ |       | 149      |          | $\vdash$ | Т        | _        |          | $\vdash$ | М        |           | $\dashv$  |
| $\vdash$ | 50             | 1             | ✝         | t | +         |        | Г      | T        | +-                      | - -   | $\top$  | 7        | 一 |       | 100      | Н      | <u> </u>     | Ι—       | $\vdash$ |          | _        |   | $\vdash$ | Г  | 1 |       | 150      | T        | t        | <u> </u> | $\vdash$ | $\vdash$ |          | $\vdash$ | $\dashv$  | $\dashv$  |